



Docket No.: 8733.157.00-US  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Sung-Il PARK

Confirmation No. 2217

Application No.: 09/510,300

Group Art Unit: 2871

Filed: February 22, 2000

Examiner: Thoi V. Duong

For: A LIQUID CRYSTAL DISPLAY AND A  
FABRICATING METHOD THEREOF

Customer No.: 30827

**INFORMATION DISCLOSURE STATEMENT (IDS)**

Commissioner of Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed before the mailing date of a first Office Action on the merits as far as is known to the undersigned.

A copy of each reference on PTO/SB/08 is attached.

A summary/abstract translation of the non-English language references is enclosed.


While the information and references disclosed in this Information Disclosure Statement may be "material" pursuant to 37 CFR 1.56, it is not intended to constitute an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

The Commissioner is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 50-0911, under Order No. 8733.157.00.

Dated: November 10, 2003

Respectfully submitted,

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UNITED STATES PATENT AND TRADEMARK OFFICE



PTO/SB/08A (10-01)

Approved for use through 10/31/2002.OMB 0651-0031

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| <b>Substitute for form 1449A/PTO</b><br><br><b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br><br>(use as many sheets as necessary) |   |    |   | <b>Complete if Known</b> |                   |
|                                                                                                                                               |   |    |   | Application Number       | 09/510,300        |
|                                                                                                                                               |   |    |   | Filing Date              | February 22, 2000 |
|                                                                                                                                               |   |    |   | First Named Inventor     | Sung-II PARK      |
|                                                                                                                                               |   |    |   | Art Unit                 | 2871              |
|                                                                                                                                               |   |    |   | Examiner Name            | Not Yet Assigned  |
| Sheet                                                                                                                                         | 1 | of | 1 | Attorney Docket Number   | 8733.157.00       |

| U.S. PATENT DOCUMENTS |                          |                                          |                                |                                                    |                                                                                    |
|-----------------------|--------------------------|------------------------------------------|--------------------------------|----------------------------------------------------|------------------------------------------------------------------------------------|
| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | Document Number                          | Publication Date<br>MM-DD-YYYY | Name of Patentee or Applicant<br>of Cited Document | Pages, Columns, Lines,<br>Where Relevant<br>Passages or Relevant<br>Figures Appear |
|                       |                          | Number-Kind Code <sup>2</sup> (if known) |                                |                                                    |                                                                                    |
|                       | AA                       | 5,510,916                                | 4/23/1996                      | Takahashi                                          |                                                                                    |
|                       | AB                       | 5,815,226                                | 9/29/1998                      | Yamazaki et al.                                    |                                                                                    |
|                       | AC                       | 5,600,461                                | 2/4/1997                       | Ueda et al.                                        |                                                                                    |
|                       | AD                       |                                          |                                |                                                    |                                                                                    |
|                       | AE                       |                                          |                                |                                                    |                                                                                    |
|                       | AF                       |                                          |                                |                                                    |                                                                                    |
|                       | AG                       |                                          |                                |                                                    |                                                                                    |

| FOREIGN PATENT DOCUMENTS |                          |                                                                                   |                                |                                                    |                                                                                    |                |
|--------------------------|--------------------------|-----------------------------------------------------------------------------------|--------------------------------|----------------------------------------------------|------------------------------------------------------------------------------------|----------------|
| Examiner<br>Initials*    | Cite<br>No. <sup>1</sup> | Foreign Patent Document                                                           | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant<br>Passages or Relevant<br>Figures Appear | T <sup>6</sup> |
|                          |                          | Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known) |                                |                                                    |                                                                                    |                |
|                          | BA                       | DE 198 28 591 A1                                                                  | 6/26/1998                      | Hyundai Electronics Industries<br>Co., Ltd.        |                                                                                    |                |
|                          | BB                       |                                                                                   |                                |                                                    |                                                                                    |                |
|                          | BC                       |                                                                                   |                                |                                                    |                                                                                    |                |
|                          | BD                       |                                                                                   |                                |                                                    |                                                                                    |                |
|                          | BE                       |                                                                                   |                                |                                                    |                                                                                    |                |
|                          | BF                       |                                                                                   |                                |                                                    |                                                                                    |                |

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See attached Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the application number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

| OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS |                          |                                                                                                                                                                                                                                                                |                |
|---------------------------------------------------|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| Examiner<br>Initials*                             | Cite<br>No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T <sup>2</sup> |
|                                                   |                          |                                                                                                                                                                                                                                                                |                |
|                                                   |                          |                                                                                                                                                                                                                                                                |                |
|                                                   |                          |                                                                                                                                                                                                                                                                |                |

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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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|-----------------------|--|--------------------|--|
| Examiner<br>Signature |  | Date<br>Considered |  |
|-----------------------|--|--------------------|--|